

Case No. HUANG 3 (58661)

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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DATE OF DEPOSIT March 4, 2002

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20001

Linda Dickey
(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)

Linda Dickey
(SIGNATURE OF PERSON MAILING PAPER OR FEE)



**DIRECTOR, U.S. PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231**

In re Application of: **HUANG**

Serial No.: **NOT YET ASSIGNED**

Filed: **HEREWITH**

For: **SYSTEM AND METHOD FOR REVIVING
CATASTROPHIC CODES**

Sir:

Transmitted herewith is an INFORMATION DISCLOSURE STATEMENT in the above-identified application.

- ☒ This IDS is submitted under 37 C.F.R. § 1.97. No fee is required.
- ☐ This IDS is submitted under 37 C.F.R. § 1.97(c). Enclosed is a check in the amount of \$ 240.00.
- ☐ This IDS is submitted under 37 C.F.R. § 1.97(c) and (e). No fee is required.
- ☐ This IDS is submitted under 37 C.F.R. § 1.97(d) and (e). Enclosed is a check in the amount of \$ 130.00 to cover the petition fee.
- ☒ **The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.**

Date: March 4, 2002



RICHARD K. WARTHER
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Case No. HUANG 3 (58661)

03/04/02

DIRECTOR, U.S. PATENT AND TRADEMARK
OFFICE
WASHINGTON, DC 20231Transmitted herewith for filing is the patent
application of:

Inventors: Dawei HUANG

For: SYSTEM AND METHOD FOR REVIVING
CATASTROPHIC CODES

The following items are enclosed:

- ☒ Patent Application: 22 pages, 23 claims.
☒ 7 sheets of drawings.
☒ The suggested drawing figure to be published is FIG. 1A.
☒ A Declaration and Power of Attorney.
☒ Citation Under 37 CFR 1.97 and PTO-1449.
☒ Assignee info:
 Name: Lucent Technologies Inc.
 Address: 600 Mountain Avenue, P.O. Box 636
 Murray Hill, New Jersey 07974-0636
 State of Incorporation: Delaware

The filing fee has been calculated as shown below:

CLAIMS AS FILED									
	(Col. 1)		(Col. 2)		SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA		RATE	FEE		RATE	FEE
BASIC FEE						\$ 370	OR		\$ 740
TOTAL CLAIMS	23	-20	3		X 9	\$	OR	X 18	\$ 54
INDEP CLAIMS	3	-3	-0-		X 42	\$	OR	X 84	\$ -0-
[] MULTIPLE DEPENDENT CLAIM PRESENTED					+	\$	OR		
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.					TOTAL	\$ ***		TOTAL	\$ 794


- ☒ Enclosed is a check in the amount of \$ 794.00 to cover the Filing Fee
☒ Enclosed is a check in the amount of \$ 40.00 to cover the Assignment recordal
- ☒ The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.
- ☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: RICHARD K. WARTHER**
- ☒ Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

March 4, 2002


 RICHARD K. WARTHER
 Reg. No. 32,180

03-0302

CERTIFICATE MAILING BY "EXPRESS MAIL"

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Linda Dickey
 (TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)
Linda Dickey
 (SIGNATURE OF PERSON MAILING PAPER OR FEE)

JC882 U.S. PTO

10/09029



03/04/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
HUANG)
Serial No. Not Yet Assigned)
Filing Date: Herewith)
For: SYSTEM AND METHOD FOR)
REVIVING CATASTROPHIC CODES)
_____)

1c868 U.S. PTO
10/090237
03/04/02

#2

CITATION UNDER 37 CFR §1.97

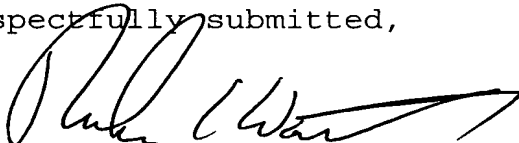
Director, U.S. Patent and Trademark Office
Washington, DC 20231

Sir:

Attached is Form PTO-1449 listing several references for consideration in the examination of the above-identified application. A copy of each reference is also enclosed. It is requested that these references be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR §1.97 and Section 609 of the MPEP.

If any additional extension and/or fee is required, or if any additional fee for claims is required, authorization is given to charge Deposit Account No. 01-0484.

Respectfully submitted,



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FORM PTO-1449
LIST OF PATENTS AND
APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: HUANG 3 (58661)

SERIAL NO.: NOT YET ASSIGNED

FILING DATE: HEREWITH

APPLICANT: HUANG

GROUP:

14866 U.S. PTO
10/09/23
03/04/02

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING IF APPROPRIATE
	AA	4,208,739	06/17/80	Lu et al.	375	2	
	AB	4,389,636	06/21/83	Riddle, Jr.	340	347 DD	
	AC	4,757,506	07/12/88	Heichler	371	43	
	AD	5,257,272	10/26/93	Fredrickson	371	43	
	AE	5,430,744	07/04/95	Fettweis et al.	371	43	
	AF	5,488,633	01/30/96	Laroia	375	262	
	AG	5,548,600	08/20/96	Fredrickson et al.	371	43	
	AH	5,706,312	01/06/98	Wei	375	298	
	AI	5,931,965	08/03/99	Alamouti	714	792	
	AJ	6,108,374	08/22/00	Balachandran et al.	375	227	
	AK	6,170,076	01/02/01	Kim	714	786	
	AL	6,215,827	04/10/01	Balachandran et al.	375	262	
	AM	2001/0033578	10/25/01	Rodriguez et al.	370	442	
	AN	6,347,122	02/12/02	Chen et al.	375	262	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION Yes -- No
	AO						
	AP						

OTHER ART
(Including Author, Title, Date, Pertinent Pages, etc.)

	AQ		Forney, Jr., "Modulation and Coding for Linear Gaussian Channels," IEEE Transactions on Information Theory, Vol. 44, No. 6, October 1998, pp. 2384-2415.
	AR		

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; * Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.